

# 2011

*Kansas Performance Tests with*

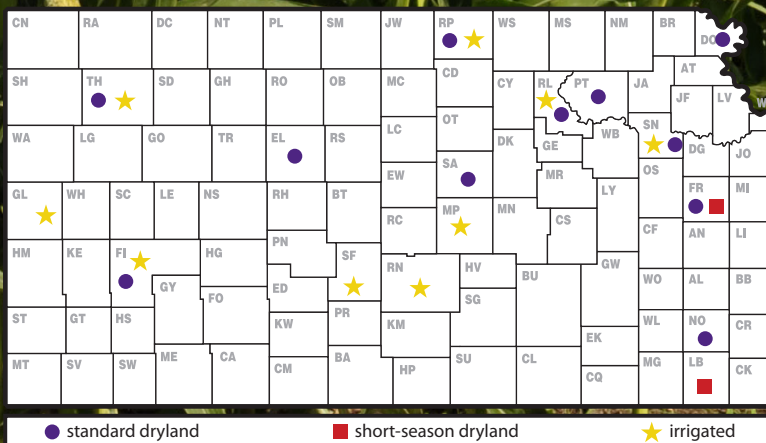
## Corn Hybrids

*Report of Progress 1055*



**K-STATE**  
Research and Extension

**Kansas State University**  
**Agricultural Experiment Station**  
**and Cooperative Extension Service**



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# 2011 CORN CROP REVIEW

## Statewide Growing Conditions

The 2011 Kansas corn growing season was an extremely challenging one for most of the state. Most of the state started the season with adequate levels of topsoil moisture, but those levels were depleted by extended periods of high heat and very limited rainfall in some areas (Figure 1). Heat stress was a statewide problem that affected pollination and grain-filling, and generally forced the corn to develop at an accelerated pace. The southern and western regions of the state were particularly devastated by the drought, and many fields in these areas failed to make a crop. The irrigated corn performance test in Shawnee County and the dryland tests in Neosho, Labette, Saline, Ellis, and Finney counties were abandoned because of acute drought conditions. Other areas, such as the northeast and north central, suffered from periods of too much soil moisture because seasonal flooding did not recede as quickly as normal in those parts.

The quality of the corn crop was directly affected by the adverse conditions; only a quarter of the crop was rated in good or excellent condition by the end of the growing season (Figure 2).

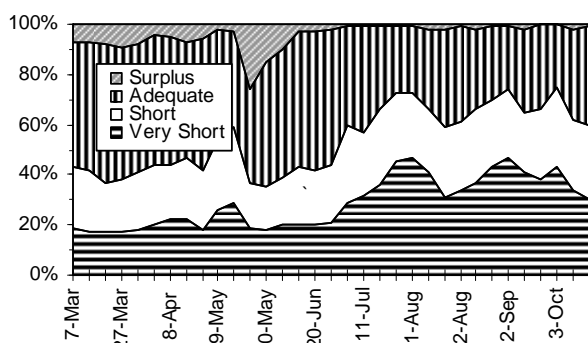


Figure 1. Statewide status of topsoil moisture

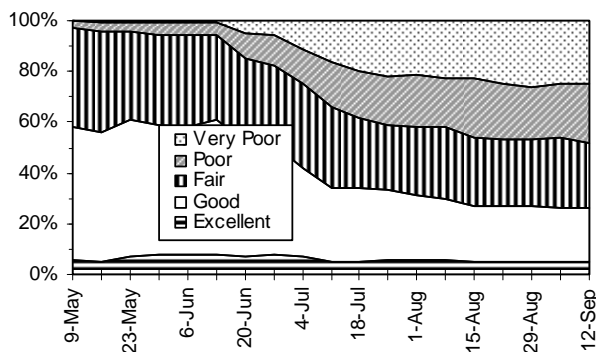


Figure 2. Condition of 2011 Kansas corn crop

(Crop-Weather Reports, Kansas Agricultural Statistics, Topeka)

## Harvest Statistics

The October 12 Crops Report predicted a 451.5 million-bushel crop, down 22% from last year's production. If realized, this would be the smallest Kansas corn crop since 2006. The anticipated number of acres to be harvested for grain is 4.3 million, down 8% from 2010. The predicted average yield of 105 bushels per acre is down 20 bushels from last year. If realized, this would be the lowest Kansas corn yield since 1983. (Kansas Agricultural Statistics Service, Topeka)

## Diseases

The 2011 growing season presented some interesting challenges for Kansas corn growers. Areas generally north of Hwy U.S. 24 received good to excellent rainfall throughout much of the growing season. Although gray leaf spot was generally less severe than the past few years, some fields warranted a fungicide application. As harvest approached, anthracnose stalk rot, a disease often found in wetter years, was prevalent in a number of fields. Fusarium stalk rot could also be found.

Goss's bacterial wilt continued to increase in both incidence and severity across Kansas, especially in areas of higher rainfall or in fields grown under sprinkler irrigation. Goss's wilt is typically more severe in fields that are in continuous, no-till corn and that have received injury due to hail or sandblasting. The disease has spread rapidly across the Corn Belt in recent years, and scientists are trying to determine the reasons for the rapid increase.

In the southern production areas of the state, drought and heat stress severely affected yields and disease as well. Aspergillus ear rot, the producer of aflatoxin, was at its highest level in many years. South of I-70, it was found in 100 percent of the fields sampled. Fortunately, aflatoxin amounts were generally at levels where the elevators would accept the grain without penalty, but some loads were docked for excessive levels, and a few loads were simply rejected. Because of the dry conditions, charcoal rot was also prevalent in most non-irrigated fields.

On a positive note, because of the drought in Texas and Oklahoma, southern rust was at its lowest level in many years. Other diseases identified in 2011 include Diplodia ear rot, lesion nematodes, common smut, and holcus spot. (Doug Jardine, Kansas State University Department of Plant Pathology)

## Insects

The primary problem in 2011 was weather-related. It was too dry, mostly south of I-70, and too hot throughout the state. Hot, dry conditions are often conducive to insects, and the added stress of the adverse weather usually increases the damage potential. But, for the most part, it seems that 2011 was too hot and dry even for insects.

There were some early season problems with black cutworms in southeast Kansas and some seedling concerns with chinch bugs in south central areas. Japanese beetles were treated in several fields in eastern KS to prevent silk clipping. These pests have been present in the state for several years, but densities seem to be increasing somewhat every year.

Spider mites were again problematic in western Kansas, as they have been in recent years, and the hot, dry conditions always seems to favor them over their natural enemies. (Jeff Whitworth, Kansas State University Department of Entomology)

## 2011 PERFORMANCE TESTS

### Objectives and Procedures

Corn performance tests, conducted annually by the Kansas Agricultural Experiment Station, provide farmers, extension workers, and seed industry personnel with unbiased agronomic information on many of the corn hybrids marketed in the state. Entry fees from private seed companies finance the tests. Because entry selection and location are voluntary, not all hybrids grown in the state are included in tests, and the same group of hybrids is not grown uniformly at all test locations. Most companies submit seed treated with systemic insecticides, which can affect yield in some situations. A column listing insecticide seed treatments for each hybrid is included in Table 9 to help interpret yield results.

Three to four plots (replications) of each hybrid were grown at each location in a randomized complete-block design. Each harvested plot consisted of two rows trimmed to a specific length, ranging from 20 to 30 feet at the different locations.

Explanatory information is given in summaries preceding data for each test. Tables 2 through 8 contain results from the individual performance tests. Hybrids are listed together by company name. A summary of growing season weather data is given for individual test discussions. Precipitation graphs include cumulative lines for 2011 and the 30-year normal, in addition to the daily rainfall amounts since last fall. Temperature graphs include daily maximum

and minimum temperatures compared with normal. General trends in precipitation and temperature relative to normal are readily observed in the graphs. A table with monthly totals and averages for the growing season also is included.

The growth unit, or growing-degree-day concept, was developed to measure the amount of heat available for growth and maturation. To calculate the daily accumulation, add the maximum and minimum temperatures for each day, divide by 2, and subtract a base temperature of 50. Any temperature below 50°F was considered to be 50, and any temperature over 86°F was considered 86.

Most corn tests were planted at a rate 10% to 20% in excess of the desired population and thinned only to remove doubles. Planting to stand enables evaluation of product performance for the entire growing season.

Grain yields are reported as bushels per acre of shelled grain (56 lb/bu) adjusted to a moisture content of 15.5%. Yields also are presented as percentage of test average to speed recognition of highest-yielding hybrids. Hybrids yielding more than 100% of the test average year after year merit consideration. Adaptation to individual farms for appropriate maturity, stalk strength, and other factors also must be considered.

The percentage of lodged stalks is reported when appropriate. Severely lodged stalks or dropped ears that could not be picked up by normal harvest procedures were not included in yield. Because harvest often is delayed until latest-maturing entries are ripe, early and midseason hybrids can lose ears simply because they must wait well past their optimum harvest date. In most years at most locations, dropped ears constitute a very small portion of lodging and do not significantly affect yields.

Small differences in yield should not be overemphasized. Relative ranking and large differences are better indicators of performance. Least significant differences (LSD) are shown at the bottom of each table. Unless two hybrids differ by at least the LSD shown, little confidence can be placed in one being superior to the other. Yield values in the top LSD group in each test are displayed in bold. The coefficient of variability (CV) can be used in combination with the LSD to estimate the degree of confidence one can have in published data from replicated tests.



**Table 1. Companies entering hybrids in the 2011 Kansas Corn Performance Tests**

<b>AgriGold Hybrids</b> St. Francisville, IL 618-943-5776 agrigold.com	<b>Garst Seed</b> Munden, KS 785-427-8122 syngenta.com	<b>Mycogen Seeds</b> Indianapolis, IN 1-800-MYCOGEN dow.com	<b>Renze Seeds</b> Templeton, IA 712-669-3301 renzeseeds.com
<b>AgVenture Nebraska Seeds</b> Minden, NE 308-832-1050 agventurene@yahoo.com	<b>Golden Acres Genetics</b> Waco, TX 254-761-9838 gaseed.com	<b>NuTech Seed, LLC</b> Ames IA 515-232-1997 yieldleader.com	<b>Stine Seed Company</b> Sheridan, IN 317-758-0800 stineseed.com
<b>Dekalb (Monsanto)</b> St. Louis, MO 800-768-6387 asgrowanddekalb.com	<b>LG Seeds</b> Elmwood, IL 800-752-6847 lgseeds.com	<b>Phillips Seed Farms, Inc.</b> Hope, KS 785-949-2204 phillipsseed.com	<b>Taylor Seed Farms, Inc.</b> White Cloud, KS 785-595-3236 taylorseedfarms.com
<b>Fontanelle Hybrids</b> Fremont, NE 402-721-1410 fontanelle.com	<b>Masters Choice</b> Anna, IL 866-444-1044 seedcorn.com	<b>Pioneer Hi-Bred Intl., Inc.</b> Lincoln, NE 402-467-5458 pioneer.com	<b>Triumph Seed Co., Inc.</b> Ralls, TX 888-521-7333 triumphseed.com
<b>G2 Genetics by NuTech</b> Ames, IA 515-232-1997 yieldleader.com	<b>Midland Genetics Group</b> Ottawa, KS 785-242-3598 midlandgenetics.com	<b>Producers Hybrids</b> Battle Creek, NE 800-673-3190 producershybrids.com	<b>VPM maxx (AgVenture of Eastern Kansas, LLC)</b> Iola, KS 620-228-3148 agventure.com

## NORTHEAST KANSAS DRYLAND CORN TESTS

Agronomy North Farm, Manhattan; Jane Lingenfelter, agronomist

Reading silt loam; Soybean in 2010

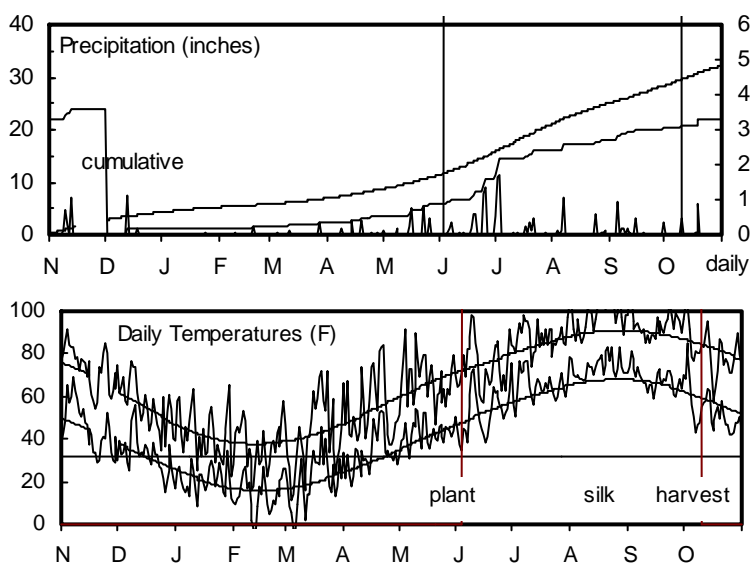
120 - 0 - 0 lb/a N, P, K

Planted on 5/4/2011; Harvested on 9/8/2011

Target stand of 23,000 plants/acre; 9.1 in. spacing

Hail damage on 5/1/2011.

Month	Precipitation		Average Temp.		GDU	
	2011	Norm.	2011	Norm.	2011	Norm.
Nov.-Mar.	5.8	7.4	38	37	385	273
April	2.5	2.4	56	53	266	222
May	4.6	4.2	65	64	452	412
June	3.1	4.8	77	73	706	640
July	2.1	3.7	86	79	864	770
August	2.3	3.2	81	78	783	750
Sep.-Oct.	3.7	5.1	62	66	849	563
Totals:	24.0	30.9	56	54	4,305	3,628



Fuhrman Farms, Inc., Severance; Al Fuhrman, cooperator; Jane Lingenfelter, agronomist

Ulysses silt loam; Soybean in 2010

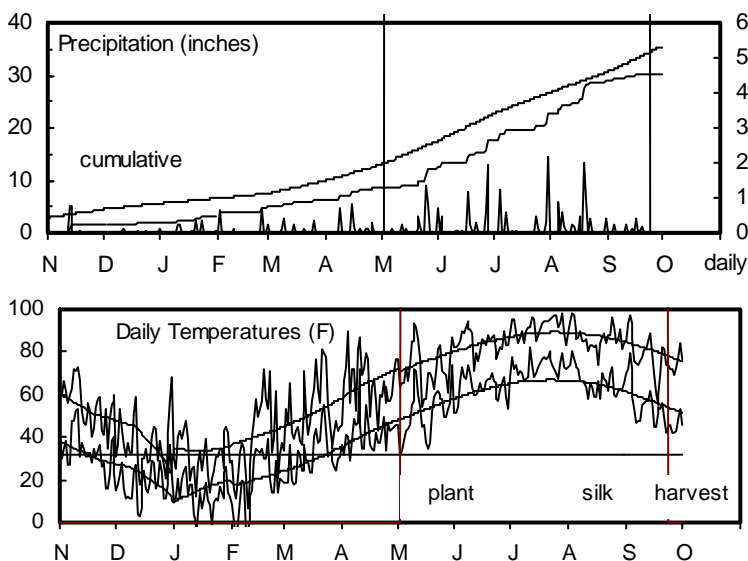
120 - 0 - 0 lb/a N, P, K

Planted on 5/3/2011; Harvested on 9/22/2011

Target stand of 32,000 plants/acre; 6.5 in. spacing

Generally good growing conditions with plenty of moisture. Some heat stress during grain fill.

Month	Precipitation		Average Temp.		GDU	
	2011	Norm.	2011	Norm.	2011	Norm.
Nov.-Mar.	7.3	8.5	35	36	338	247
April	2.5	2.9	54	54	245	216
May	3.3	4.2	62	64	408	417
June	5.1	4.7	75	73	665	643
July	5.1	3.9	82	78	852	761
August	5.9	3.7	76	76	731	732
Sep.-Oct.	1.3	4.7	64	68	437	528
Totals:	30.4	32.6	53	53	3,675	3,545



## NORTHEAST KANSAS DRYLAND CORN TESTS continued.

Lance Rezac Farm, Emmett; Lance Rezac, cooperater; Jane Lingenfelter, agronomist

Kipson silty clay loam; Soybean in 2010

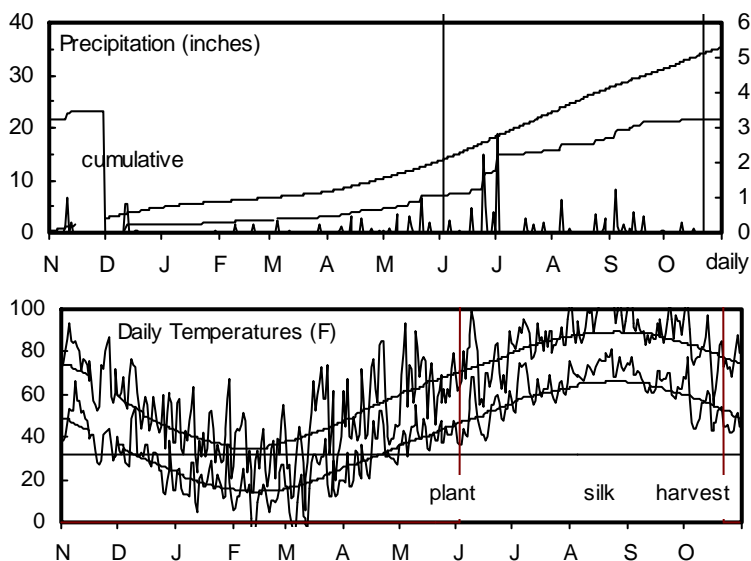
180 - 0 - 0 lb/a N, P, K

Planted on 5/4/2011; Harvested on 9/21/2011

Target stand of 23,000 plants/acre; 9.1 in. spacing

Hail damage on 5/1/2011. Heat and drought stress.

Month	Precipitation		Average Temp.		GDU	
	2011	Norm.	2011	Norm.	2011	Norm.
Nov.-Mar.	5.2	9.1	36	36	367	261
April	2.7	2.9	54	53	244	208
May	4.1	4.3	62	62	390	373
June	3.8	4.3	75	72	667	614
July	2.2	4.4	85	77	848	742
August	3.1	3.5	79	76	755	716
Sep.-Oct.	1.9	5.2	62	64	797	496
Totals:	23.0	33.8	54	53	4,067	3,409



North Central Kansas Experiment Field, Belleville; Randall Nelson, agronomist; Doug Stensaas, technicians

Crete silt loam; Soybean in 2010

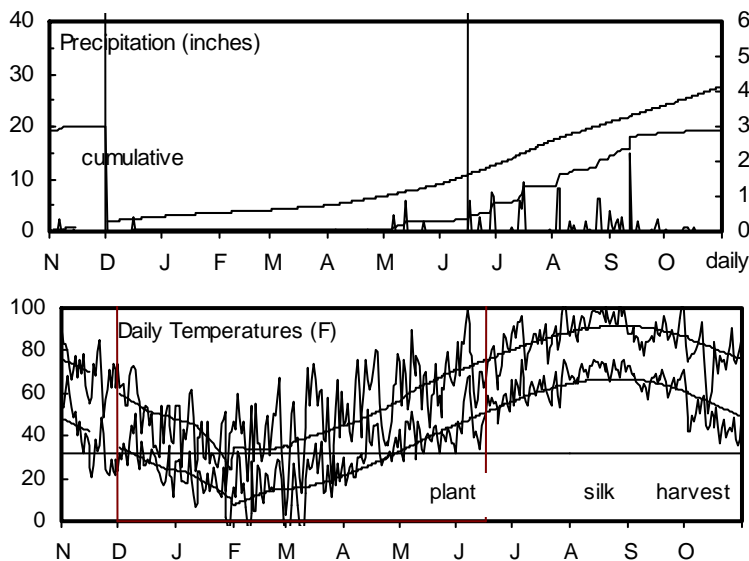
170 - 20 - 0 lb/a N, P, K

Planted on 5/17/2011; Harvested on 10/30/2011

Target stand of 24,000 plants/acre; 9.5 in. spacing

Adequate moisture at planting. Excellent conditions throughout spring. High temperatures at silking, generally timely rainfall.

Month	Precipitation		Average Temp.		GDU	
	2011	Norm.	2011	Norm.	2011	Norm.
Nov.-Mar.	1.2	6.0	37	34	378	235
April	1.6	2.1	53	52	218	204
May	3.4	3.5	64	63	431	393
June	3.1	4.3	75	73	654	635
July	5.2	3.2	83	78	827	755
August	4.4	3.1	77	77	731	731
Sep.-Oct.	1.0	4.2	58	65	693	515
Totals:	19.9	26.5	53	52	3,932	3,468



		MANHATTAN, Riley County						SEVERANCE, Doniphan County						EMMETT, Pottawatomie County						BELLEVILLE, Republic County					
BRAND	NAME	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	DAYS (silik)	1000 ppa	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	DAYS (silik)	1000 ppa	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	DAYS (silik)	1000 ppa	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	DAYS (silik)	1000 ppa
AGRIGOLD	A6384VT3Pro	91	107	57	17	68	21	--	--	--	--	--	--	59	116	55	21	22	--	152	88	59	13	68	22
AGRIGOLD	A6419VT3	85	100	57	14	67	20	--	--	--	--	--	--	--	--	--	--	--	--	167	96	58	12	66	26
AGRIGOLD	A6458VT3	84	99	56	15	71	20	168	103	54	22	74	21	30	59	58	20	24	--	187	108	59	12	67	25
AGRIGOLD	A6533VT3	84	98	57	15	69	21	171	104	54	23	74	23	44	87	59	21	24	--	196	113	60	13	68	26
AGRIGOLD	A6553VT3	--	--	--	--	--	--	157	96	56	22	74	21	62	122	57	22	25	--	183	105	58	12	67	25
AGRIGOLD	A6632VT3Pro	--	--	--	--	--	--	162	99	54	22	75	23	--	--	--	--	--	--	--	--	--	--	--	--
AGVENTURE	GL8302ABW	--	--	--	--	--	--	179	109	53	23	75	21	--	--	--	--	--	--	--	--	--	--	--	--
DEKALB	DKC52-59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176	101	58	12	67	26
DEKALB	DKC53-45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	160	92	59	12	66	27
DEKALB	DKC59-88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	153	88	61	12	66	24
DEKALB	DKC61-49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	166	96	60	13	66	25
DEKALB	DKC62-97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	164	95	60	13	66	26
FONTANELLE	7V657	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	165	95	61	12	66	25
FONTANELLE	8D912	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	169	97	61	12	69	25
G2 GENETICS	5H-013	84	99	58	15	68	20	156	95	55	21	74	21	57	113	60	20	24	--	--	--	--	--	--	
G2 GENETICS	5H-1001	86	101	57	16	67	20	171	104	53	21	74	21	61	119	59	18	22	--	--	--	--	--	--	
G2 GENETICS	5H-1401	80	94	58	16	68	20	162	99	55	21	74	18	28	55	59	21	22	--	--	--	--	--	--	
G2 GENETICS	5H-511RR/HX	87	102	57	16	70	18	154	94	54	22	76	18	48	95	58	20	23	--	--	--	--	--	--	
G2 GENETICS	5H-513 RR/HX	86	101	56	15	72	22	162	99	54	23	76	20	38	75	57	23	25	--	--	--	--	--	--	
G2 GENETICS	5H-515 RR/HX	88	103	56	17	72	19	162	99	53	23	77	22	38	75	57	23	24	--	--	--	--	--	--	
G2 GENETICS	5H-615 RR/HX	89	105	57	17	67	17	158	97	53	24	74	19	43	84	57	19	23	--	--	--	--	--	--	
G2 GENETICS	5H-712	67	79	56	15	69	20	168	102	53	22	73	19	57	111	60	19	23	--						

\*\*\* Unless two hybrids differ by more than the LSD, little confidence can be placed in one being superior to the other.



## NORTHEAST KANSAS SPRINKLER-IRRIGATED CORN TEST

Ashland Bottoms Research Center, Manhattan; Jane Lingenfelter, agronomist

Sandy loam; Sorghum in 2010

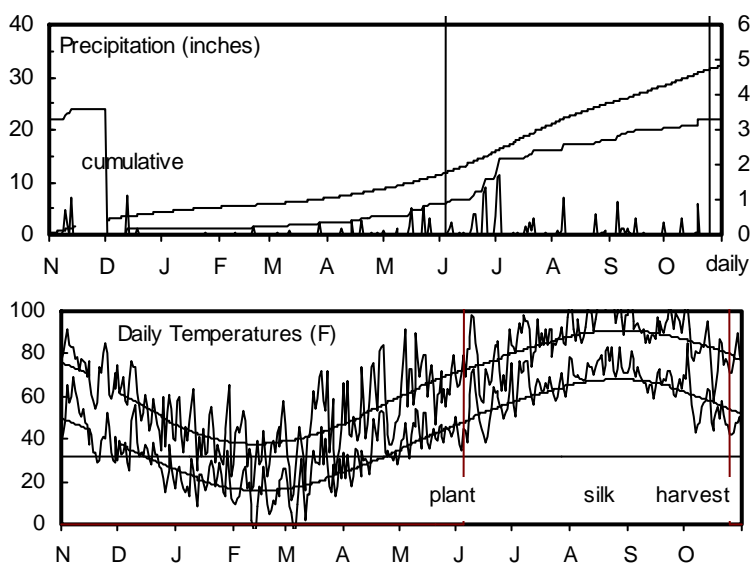
160 - 0 - 0 lb/a N, P, K

Planted on 5/5/2011; Harvested on 9/23/2011

Target stand of 30,000 plants/acre; 7.0 in. spacing

Hail damage on 5/1/2011.

Month	Precipitation		Average Temp.		GDU	
	2011	Norm.	2011	Norm.	2011	Norm.
Nov.-Mar.	5.8	7.4	38	37	385	273
April	2.5	2.4	56	53	266	222
May	4.6	4.2	65	64	452	412
June	3.1	4.8	77	73	706	640
July	2.1	3.7	86	79	864	770
August	2.3	3.2	81	78	783	750
Sep.-Oct.	3.7	5.1	62	66	849	563
Totals:	24.0	30.9	56	54	4,305	3,628



Irrigation Experiment Field, Scandia; Randall Nelson, agronomist; Michael Larson and Doug Stensaas, technicians

Crete silt loam; Soybean in 2010

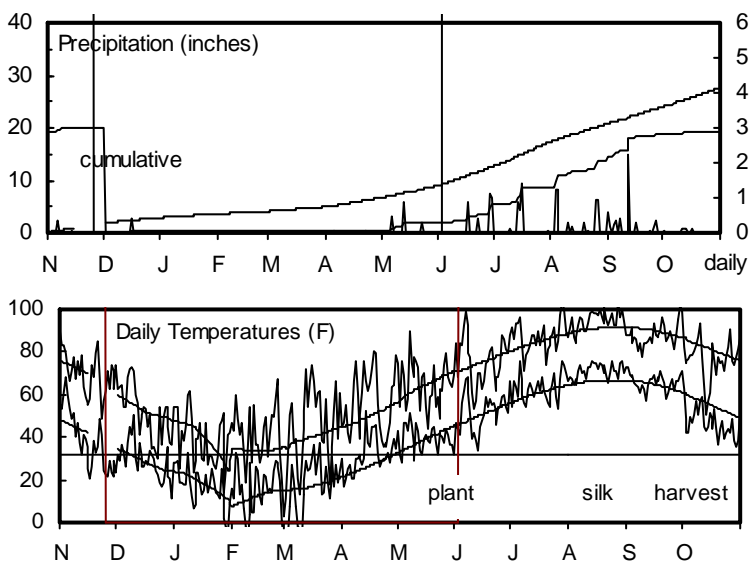
220 - 20 - 0 lb/a N, P, K

Planted on 5/3/2011; Harvested on 10/24/2011

Target stand of 30,000 plants/acre; 7.0 in. spacing

Adequate moisture at planting. Excellent conditions throughout spring. High temperatures at silking, generally timely rainfall.

Month	Precipitation		Average Temp.		GDU	
	2011	Norm.	2011	Norm.	2011	Norm.
Nov.-Mar.	1.2	6.0	37	34	378	235
April	1.6	2.1	53	52	218	204
May	3.4	3.5	64	63	431	393
June	3.1	4.3	75	73	654	635
July	5.2	3.2	83	78	827	755
August	4.4	3.1	77	77	731	731
Sep.-Oct.	1.0	4.2	58	65	693	515
Totals:	19.9	26.5	53	52	3,932	3,468



**TABLE 3. NORTHEAST KANSAS SPRINKLER-IRRIGATED CORN PERFORMANCE TEST, 2011**

BRAND	NAME	MANHATTAN, Riley County						SCANDIA, Republic County				
		YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	DAYS (silk)	1000 ppa	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	DAYS (silk)
AGRIGOLD	A6476VT3Pro	<b>186</b>	108	58	15	67	28	215	103	60	13	69
AGRIGOLD	A6533VT3	<b>196</b>	114	57	17	68	31	<b>232</b>	111	59	13	70
AGRIGOLD	A6553VT3	161	94	55	17	67	31	<b>238</b>	114	58	13	68
AGRIGOLD	A6632VT3Pro	<b>193</b>	112	58	17	66	30	217	104	59	13	69
DEKALB	DKC61-49	--	--	--	--	--	--	203	97	59	13	68
DEKALB	DKC62-09	--	--	--	--	--	--	208	100	60	13	68
DEKALB	DKC62-97	--	--	--	--	--	--	206	99	60	13	68
DEKALB	DKC63-87	--	--	--	--	--	--	<b>239</b>	114	58	13	69
DEKALB	DKC64-69	--	--	--	--	--	--	209	100	60	13	68
FONTANELLE	8D912	--	--	--	--	--	--	189	91	61	14	69
FONTANELLE	8V487	--	--	--	--	--	--	208	100	58	13	69
G2 GENETICS	5H-013	175	102	61	17	65	31	202	97	61	13	70
G2 GENETICS	5H-1001	171	100	58	16	68	28	200	96	60	13	70
G2 GENETICS	5H-1401	174	101	60	16	66	26	208	100	61	13	70
G2 GENETICS	5H-511RR/HX	158	92	59	16	67	25	200	96	60	13	70
G2 GENETICS	5H-513 RR/HX	169	99	58	17	71	29	200	96	61	14	72
G2 GENETICS	5H-515 RR/HX	<b>202</b>	118	59	18	71	30	194	93	60	13	72
G2 GENETICS	5H-615 RR/HX	170	99	58	17	65	28	202	97	59	14	69
G2 GENETICS	5H-712	159	93	58	16	68	27	221	106	59	13	71
G2 GENETICS	5H-716	178	104	60	18	70	29	162	78	62	13	72
G2 GENETICS	5X-1301	162	94	58	19	68	26	177	85	61	14	69
GARST	82H82-3111 Brand	--	--	--	--	--	--	185	89	61	14	69
GARST	82K01-3111 Brand	--	--	--	--	--	--	212	101	58	15	71
GARST	83R38-3000GT Brand	--	--	--	--	--	--	<b>231</b>	111	59	14	70
GARST	84N18-3000GT Brand	--	--	--	--	--	--	<b>229</b>	110	58	14	71
GARST	84U58-3111 Brand	--	--	--	--	--	--	217	104	57	13	71
GOLDEN ACRES	24V61	--	--	--	--	--	--	213	102	59	14	69
GOLDEN ACRES	G2506	--	--	--	--	--	--	201	97	58	13	68
LG SEEDS	2602VT3	<b>210</b>	122	56	18	67	30	--	--	--	--	--
LG SEEDS	2636VT3	182	106	57	17	67	28	--	--	--	--	--
LG SEEDS	LG2544VT3	--	--	--	--	--	--	208	100	59	13	69
LG SEEDS	LG2620VT3	--	--	--	--	--	--	<b>241</b>	115	58	13	69
LG SEEDS	LG2641VT3	<b>192</b>	112	55	19	65	29	--	--	--	--	--
MASTERS CHOICE	MCT-6263	--	--	--	--	--	--	201	96	58	14	70
MAT CHK	EARLY(PHILLIPS)	177	103	58	15	65	29	189	91	59	12	68
MAT CHK	FULL (PHILLIPS)	169	98	57	18	67	28	203	97	60	14	71
MAT CHK	MID (PHILLIPS)	147	86	58	16	66	30	<b>231</b>	111	59	13	69
MIDLAND	361PRW	170	99	59	15	67	29	184	88	59	13	69
MIDLAND	531PRW	167	97	57	16	67	28	219	105	60	13	70
MIDLAND	552PRW	<b>186</b>	108	58	17	67	31	218	104	58	13	69
MIDLAND	571BLG	--	--	--	--	--	--	200	96	57	13	69
MIDLAND	622PRW	<b>211</b>	123	58	16	67	31	209	100	59	13	69
MIDLAND	641VLGW	145	84	57	16	66	27	189	90	58	13	68
MIDLAND	670PRW	169	98	56	19	66	27	<b>230</b>	110	59	15	68
MIDLAND	779PRW	178	104	56	18	67	28	222	106	58	14	70
MIDLAND	7A28BRW	170	99	56	17	66	27	203	97	60	14	70
NUTECH	5B-1003	167	97	59	15	67	32	201	96	59	13	70
NUTECH	5N-1004	157	91	58	15	66	28	196	94	58	13	69
NUTECH	5V-514	148	87	57	17	65	24	195	93	59	14	68
NUTECH	5V-813	--	--	--	--	--	--	196	94	57	14	70
PHILLIPS	702AG	--	--	--	--	--	--	200	96	58	13	69
PHILLIPS	709VT3	149	87	56	18	67	25	207	99	60	13	69
PHILLIPS	715GTCBLL	--	--	--	--	--	--	210	101	57	13	69
PHILLIPS	723AG	--	--	--	--	--	--	202	97	59	13	69
PHILLIPS	726AG	158	92	57	16	65	29	198	95	59	14	68
PHILLIPS	795VT3	<b>192</b>	112	58	16	68	31	197	95	60	13	68

**TABLE 3 continued. NORTHEAST KANSAS SPRINKLER-IRRIGATED CORN PERFORMANCE TEST, 2011**

BRAND	NAME	MANHATTAN, Riley County						SCANDIA, Republic County				
		YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	DAYS (silk)	1000 ppa	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	DAYS (silk)
PRODUCERS	7014VT3	--	--	--	--	--	--	<b>228</b>	109	58	12	69
PRODUCERS	7224VT3	--	--	--	--	--	--	<b>228</b>	110	60	13	70
PRODUCERS	7394VT3	--	--	--	--	--	--	<b>229</b>	110	59	14	69
PRODUCERS	7414VT3	--	--	--	--	--	--	<b>229</b>	110	58	14	69
PRODUCERS	7574VT3	--	--	--	--	--	--	<b>240</b>	115	58	13	69
TAYLOR	1940VT3	--	--	--	--	--	--	205	98	59	13	68
TAYLOR	9913 VT3Pro	165	96	59	16	67	28	--	--	--	--	--
TAYLOR	EXP 88A111	--	--	--	--	--	--	200	96	59	13	70
TAYLOR	EXP 88C112	--	--	--	--	--	--	212	102	58	13	70
TAYLOR	EXP 99C113	--	--	--	--	--	--	200	96	59	13	68
TRIUMPH	1157X	<b>185</b>	108	56	15	65	28	--	--	--	--	--
TRIUMPH	1217X	--	--	--	--	--	--	204	98	58	13	68
TRIUMPH	1334X	158	92	54	19	69	29	--	--	--	--	--
TRIUMPH	1420X	<b>183</b>	107	57	17	67	32	--	--	--	--	--
TRIUMPH	1725H	114	67	57	17	67	28	--	--	--	--	--
	AVERAGE	172	172	57	17	67	29	209	209	59	13	69
	CV (%)	12	12	1	5	1	3	5	5	0	0	1
	LSD (0.05)	30	17	1	1	1	1	18	9	0	0	1

**Topeka, Shawnee County abandoned; extreme drought conditions.**

\* Seed treatment and hybrid traits located in Table 9.

\*\* Yields in bold in the top LSD group.

\*\*\* Unless two hybrids differ by more than the LSD, little confidence can be placed in one being superior to the other.

## EAST/CENTRAL KANSAS DRYLAND CORN TESTS

East Central Kansas Experiment Field, Ottawa; Eric Adee, agronomist; Jim Kimball, technician

Woodson silt loam; Soybean in 2010

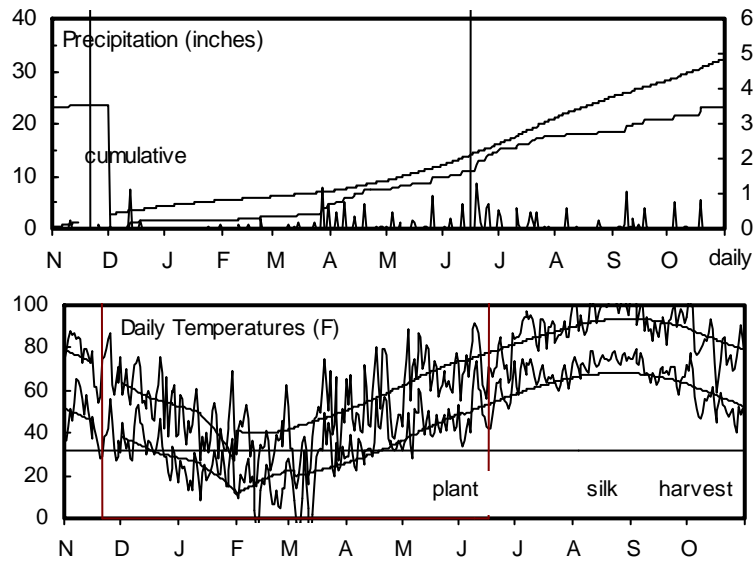
120 - 40 - 0 lb/a N, P, K

Planted on 5/17/2011; Harvested on 10/20/2011

Target stand of 23,000 plants/acre; 9.1 in. spacing

Good moisture at planting. Very high heat and less than an inch of rain in July severely affected yields.

Month	Precipitation		Average Temp.		GDU	
	2011	Norm.	2011	Norm.	2011	Norm.
Nov.-Mar.	8.5	7.7	39	39	385	319
April	2.2	2.7	58	56	292	260
May	4.6	3.9	65	65	453	449
June	2.3	4.6	78	74	732	667
July	0.9	3.7	86	80	866	778
August	2.4	3.0	81	79	791	756
Sep.-Oct.	2.8	5.1	63	68	866	591
Totals:	23.6	30.8	56	56	4,384	3,820



Private farm northwest of Topeka; Eric Adee, agronomist; Charles Clark and William Riley, technicians

Silty clay loam; Soybean in 2010

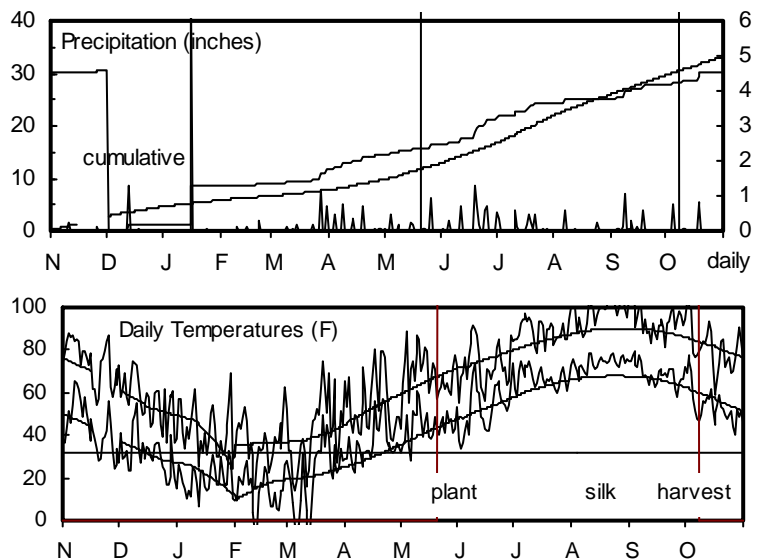
160 - 0 - 0 lb/a N, P, K

Planted on 4/20/2011; Harvested on 9/6/2011

Target stand of 22,000 plants/acre; 9.5 in. spacing

Good moisture at planting. Very hot and dry throughout the growing season.

Month	Precipitation		Average Temp.		GDU	
	2011	Norm.	2011	Norm.	2011	Norm.
Nov.-Mar.	15.4	8.4	38	37	384	268
April	2.2	2.8	58	54	292	221
May	4.6	3.7	65	64	453	414
June	2.3	4.8	78	73	732	652
July	0.9	3.8	86	78	866	774
August	2.4	3.5	81	77	791	751
Sep.-Oct.	2.8	4.6	63	66	865	547
Totals:	30.5	31.6	56	54	4,382	3,627



**TABLE 4. EAST/CENTRAL KANSAS DRYLAND CORN PERFORMANCE TEST, 2011**

BRAND	NAME	OTTAWA, Franklin County						TOPEKA, Shawnee County					
		YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	DAYS (silk)	1000 ppa	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	DAYS (silk)	1000 ppa
AGRIGOLD	A6419VT3	31	125	59	13	67	20	--	--	--	--	--	--
AGRIGOLD	A6458VT3	26	106	58	13	67	14	--	--	--	--	--	--
AGRIGOLD	A6533VT3	35	140	58	14	67	17	--	--	--	--	--	--
AGRIGOLD	A6553VT3	25	100	57	14	68	17	--	--	--	--	--	--
AGVENTURE	GL8302ABW	22	90	57	14	67	18	--	--	--	--	--	--
G2 GENETICS	5H-013	13	54	58	14	72	20	54	78	51	11	75	23
G2 GENETICS	5H-1001	36	145	58	13	67	17	80	116	50	11	75	21
G2 GENETICS	5H-1401	13	51	57	14	77	15	80	117	53	11	77	22
G2 GENETICS	5H-511RR/HX	12	49	57	14	79	17	53	77	51	11	77	21
G2 GENETICS	5H-513 RR/HX	9	35	57	14	76	18	70	103	49	12	79	22
G2 GENETICS	5H-515 RR/HX	10	41	57	14	78	19	55	81	53	13	79	21
G2 GENETICS	5H-615 RR/HX	30	119	58	14	68	20	69	100	50	11	73	21
G2 GENETICS	5H-712	27	109	58	14	70	18	67	98	51	11	75	22
G2 GENETICS	5H-716	9	38	57	14	71	18	37	54	51	14	79	21
G2 GENETICS	5X-1301	17	68	57	14	68	16	43	63	51	13	76	19
MASTERS CHOICE	MC-630	9	36	57	14	75	14	--	--	--	--	--	--
MAT CHK	EARLY (PHILLIPS)	15	60	57	14	66	19	70	103	49	10	73	21
MAT CHK	FULL (PHILLIPS)	20	79	60	14	79	19	75	109	49	11	76	24
MAT CHK	MID (PHILLIPS)	24	95	59	14	68	19	79	116	53	12	74	22
MIDLAND	132BLGW	23	91	56	14	69	18	--	--	--	--	--	--
MIDLAND	361PRW	25	100	59	14	70	14	58	84	50	11	76	22
MIDLAND	417BRW	24	99	58	14	67	16	81	118	50	11	74	21
MIDLAND	481PRW	36	143	57	13	67	15	<b>98</b>	143	52	11	74	21
MIDLAND	531PRW	--	--	--	--	--	--	41	61	49	11	76	22
MIDLAND	552PRW	32	130	58	13	66	20	71	104	51	11	73	21
MIDLAND	622PRW	18	72	55	14	70	19	54	79	50	11	75	22
MIDLAND	641VLGW	43	173	57	14	66	17	80	117	49	11	74	19
MIDLAND	670PRW	--	--	--	--	--	--	76	111	49	11	73	20
MIDLAND	7A28BRW	--	--	--	--	--	--	<b>84</b>	123	48	12	77	21
MYCOGEN	2A787	37	150	57	14	67	14	--	--	--	--	--	--
MYCOGEN	2D744	34	135	58	13	67	13	--	--	--	--	--	--
MYCOGEN	2T698	33	133	58	13	66	12	--	--	--	--	--	--
MYCOGEN	2V715	34	138	55	13	68	18	--	--	--	--	--	--
MYCOGEN	2V738	15	61	58	14	70	19	--	--	--	--	--	--
NUTECH	5B-1003	16	65	60	14	69	14	72	105	48	10	76	20
NUTECH	5N-1004	30	121	58	13	66	16	<b>89</b>	131	51	11	73	20
NUTECH	5V-514	33	133	57	13	66	14	75	109	49	10	75	20
NUTECH	5V-813	21	86	54	14	69	17	78	114	49	11	75	20
PHILLIPS	703VT3	--	--	--	--	--	--	65	95	50	11	75	21
PHILLIPS	723AG	--	--	--	--	--	--	71	104	49	11	74	24
PHILLIPS	726AG	--	--	--	--	--	--	66	96	49	11	76	21
PHILLIPS	789AG	--	--	--	--	--	--	59	86	47	10	77	27
PHILLIPS	795VT3	--	--	--	--	--	--	56	82	50	11	75	22
RENZE	2362HXT/LL/RR2	27	107	59	14	68	14	56	81	50	11	75	21
RENZE	5R452HX1/LL/RR2	31	127	56	15	68	15	56	81	48	12	77	20
RENZE	X18112	22	90	56	14	67	15	80	117	51	13	77	21
RENZE	X18115	23	93	59	14	68	19	72	105	50	12	77	24

**TABLE 4 continued. EAST/CENTRAL KANSAS DRYLAND CORN PERFORMANCE TEST, 2011**

BRAND	NAME	OTTAWA, Franklin County						TOPEKA, Shawnee County					
		YIELD	PAVG	TW	MOIST	DAYS	1000	YIELD	PAVG	TW	MOIST	DAYS	1000
		(bu/a)	(%)	(lb/bu)	(%)	(silk)	ppa	(bu/a)	(%)	(lb/bu)	(%)	(silk)	ppa
TAYLOR	1940VT3	--	--	--	--	--	--	75	109	49	11	74	20
TAYLOR	8820 VT2Pro	--	--	--	--	--	--	<b>89</b>	130	52	11	73	22
TAYLOR	EXP 88C112	<b>49</b>	199	58	14	66	16	68	99	50	11	75	22
TAYLOR	EXP 99C114	31	125	58	14	68	16	78	114	52	12	73	22
TRIUMPH	1157X	--	--	--	--	--	--	78	114	48	10	74	22
VPMmaxx	RL8351HB	22	87	56	15	71	17	--	--	--	--	--	--
VPMmaxx	RL8899HB	--	--	--	--	--	--	58	85	52	12	79	21
VPMmaxx	RL8950HB	--	--	--	--	--	--	60	88	50	11	78	20
	AVERAGE	25	25	57	14	69	17	68	68	50	11	75	21
	CV (%)	9	9	2	4	2	8	16	16	2	6	2	4
	LSD (0.05)	3	12	1	1	2	2	15	22	2	1	2	1

**Erie, Neosho County abandoned; extreme drought conditions.**

**Assaria, Saline County abandoned; extreme drought conditions.**

\* Seed treatment and hybrid traits located in Table 9.

\*\* Yields in bold in the top LSD group.

\*\*\* Unless two hybrids differ by more than the LSD, little confidence can be placed in one being superior to the other.



SHORT-SEASON DRYLAND CORN TEST

East Central Kansas Experiment Field, Ottawa; Eric Adee, agronomist; Jim Kimball, technician

Woodson silt loam; Soybean in 2010

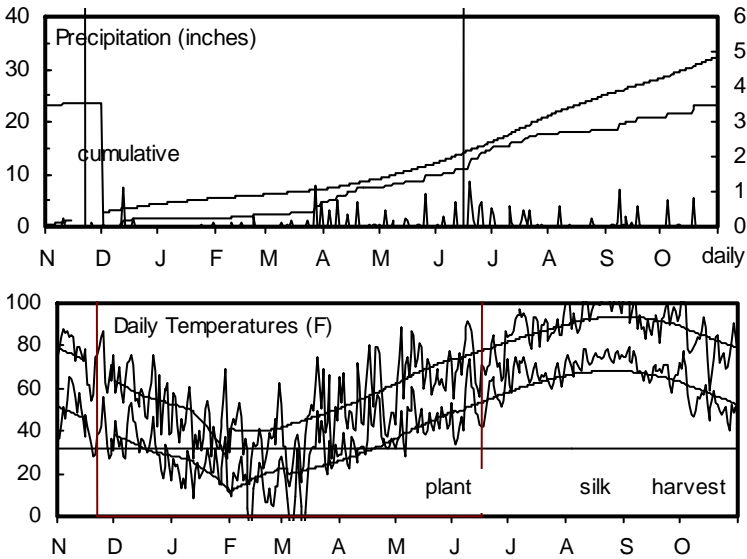
120 - 40 - 0 lb/a N, P, K

Planted on 5/17/2011; Harvested on 10/21/2011

Target stand of 22,000plants/acre; 9.5 in. spacing

Good moisture at planting. Very high heat and less than an inch of rain in July severely affected yields.

Month	Precipitation		Average Temp.		GDU	
	2011	Norm.	2011	Norm.	2011	Norm.
Nov.-Mar.	8.5	7.7	39	39	385	319
April	2.2	2.7	58	56	292	260
May	4.6	3.9	65	65	453	449
June	2.3	4.6	78	74	732	667
July	0.9	3.7	86	80	866	778
August	2.4	3.0	81	79	791	756
Sep.-Oct.	2.8	5.1	63	68	866	591
Totals:	23.6	30.8	56	56	4,384	3,820



**TABLE 5. KANSAS SHORT-SEASON DRYLAND CORN PERFORMANCE TEST, 2011**

BRAND	NAME	OTTAWA, Franklin County					
		YIELD	PAVG	TW	MOIST	DAYS	1000
		(bu/a)	(%)	(lb/bu)	(%)	(silk)	ppa
AGRIGOLD	A6309STX	44	104	58	13	65	19
AGRIGOLD	A6319VT3Pro	29	67	55	13	66	18
AGRIGOLD	A6329VT3Pro	47	111	58	14	66	17
AGRIGOLD	A6384VT3Pro	32	76	56	13	66	18
G2 GENETICS	1H-005 HX/LL	64	150	57	13	66	18
G2 GENETICS	5H-005 RR/HX	75	177	56	13	66	17
G2 GENETICS	5H-0601	39	92	58	13	67	19
G2 GENETICS	5H-0701	47	110	55	13	66	21
G2 GENETICS	5H-607 RR/HX	65	153	57	14	65	19
G2 GENETICS	5H-903	48	114	55	13	66	19
G2 GENETICS	5H-905 RR/HX	50	118	54	13	64	14
MAT CHK	EARLY (PHILLIPS)	24	56	58	13	65	18
MAT CHK	FULL (PHILLIPS)	25	58	59	14	70	21
MAT CHK	MID (PHILLIPS)	63	149	58	13	66	17
MIDLAND	121BLG	56	133	58	13	64	14
MIDLAND	132BLGW	30	71	56	14	66	19
MIDLAND	361PRW	19	45	60	13	69	18
MYCOGEN	2H566	51	121	57	13	65	18
MYCOGEN	2J597	53	124	57	13	65	18
MYCOGEN	2K594	32	76	59	14	65	21
MYCOGEN	X20526	29	67	58	13	65	15
NUTECH	5N-001	37	88	57	13	61	17
NUTECH	5N-0401	31	72	57	13	66	16
NUTECH	5V-102	42	98	55	13	63	17
NUTECH	5V-197	33	77	58	13	66	19
NUTECH	5V-705	32	75	57	13	65	18
TAYLOR	906GT/CB	28	66	55	13	66	18
TAYLOR	EXP 88C05	28	66	58	13	64	15
TRIUMPH	TRX11002S	42	99	58	14	65	12
VPMaxx	RL6786HB	<b>83</b>	196	57	13	65	19
VPMaxx	RL6991HB	38	89	57	14	65	12
	AVERAGE	42	42	57	13	65	17
	CV (%)	10	10	1	3	2	8
	LSD (0.05)	6	14	1	0	2	2

**Parsons, Labette County performance test abandoned; extreme drought conditions.**

\* Seed treatment and hybrid traits located in Table 9.

\*\* Yields in bold in the top LSD group.

\*\*\* Unless two hybrids differ by more than the LSD, little confidence can be placed in one being superior to the other.

## SOUTH CENTRAL KANSAS IRRIGATED CORN TESTS

Schmidt Farm, Inman; Norman Schmidt, cooperater; Jane Lingenfelter, agronomist

Crete silt loam; Soybean in 2010

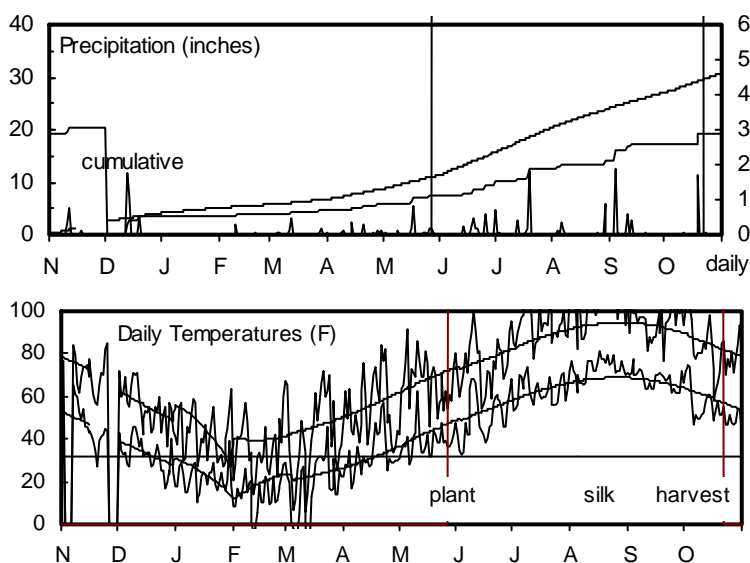
180 - 0 - 0 lb/a N, P, K

Planted on 4/27/2011; Harvested on 9/20/2011

Target stand of 30,000plants/acre; 7.0 in. spacing

Despite irrigation, corn crop suffered from excessive heat and lack of precipitation.

Month	Precipitation		Average Temp.		GDU	
	2011	Norm.	2011	Norm.	2011	Norm.
Nov.-Mar.	6.7	7.5	37	39	375	317
April	1.6	2.4	53	56	251	253
May	1.9	4.1	64	65	443	445
June	2.5	4.4	79	75	683	677
July	1.6	3.4	88	81	856	787
August	3.1	2.9	82	80	775	767
Sep.-Oct.	3.1	4.7	54	68	723	607
Totals:	20.4	29.3	54	56	4,104	3,854



Evans Seed Farm, Hutchinson; John Evans, cooperater; Bill Heer, agronomist

Punkin silt loam; Soybean in 2010

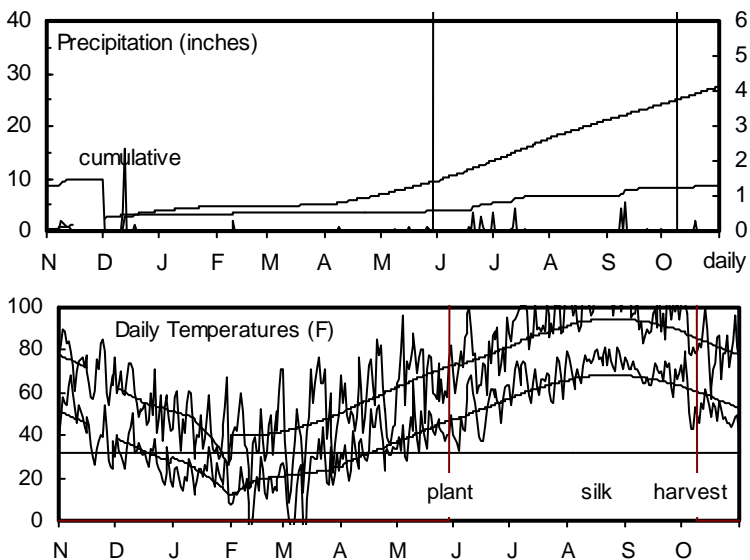
180 - 0 - 0 lb/a N, P, K

Planted on 4/29/2011; Harvested on 9/7/2011

Target stand of 30,000plants/acre; 7.0 in. spacing

Extreme drought conditions stressed the corn despite irrigation.

Month	Precipitation		Average Temp.		GDU	
	2011	Norm.	2011	Norm.	2011	Norm.
Nov.-Mar.	4.0	5.6	39	39	405	324
April	0.3	2.4	57	55	296	254
May	1.2	3.6	66	65	482	427
June	0.9	4.0	81	75	731	666
July	0.0	3.2	88	81	867	779
August	1.7	2.9	83	79	796	756
Sep.-Oct.	1.6	4.3	62	67	837	586
Totals:	9.8	26.1	57	56	4,414	3,792



Justin Vosburgh Farms, Macksville; Justin Vosburgh, cooperater; Jane Lingenfelter, agronomist

Carwile fine sandy loam; Soybean in 2010

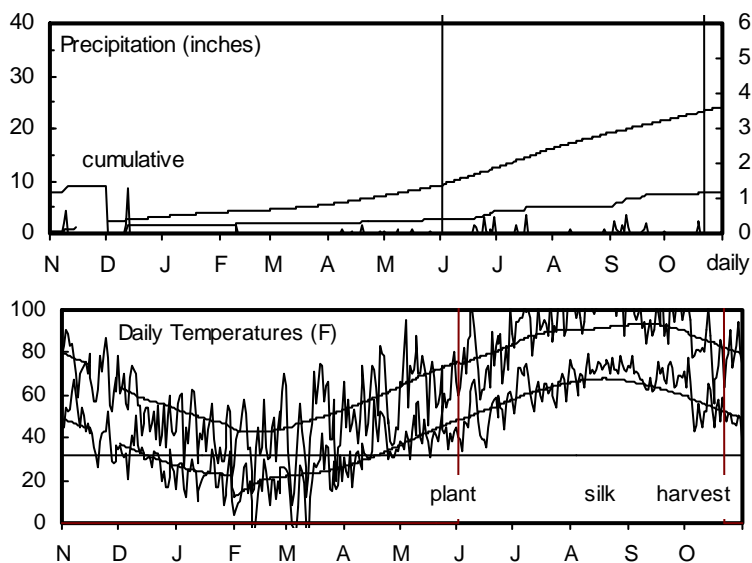
180 - 0 - 0 lb/a N, P, K

Planted on 5/2/2011; Harvested on 9/20/2011

Target stand of 30,000plants/acre; 7.0 in. spacing

Good yields despite heat stress and lack of precipitation.

Month	Precipitation		Average Temp.		GDU	
	2011	Norm.	2011	Norm.	2011	Norm.
Nov.-Mar.	2.3	6.0	38	41	383	350
April	0.3	1.8	55	56	264	282
May	1.6	3.2	65	66	460	464
June	0.8	3.4	80	76	701	678
July	0.3	2.7	87	79	839	772
August	2.0	2.3	83	78	792	715
Sep.-Oct.	1.5	3.4	62	66	826	545
Totals:	8.8	22.9	56	57	4,265	3,806



**TABLE 6. SOUTH CENTRAL KANSAS IRRIGATED CORN PERFORMANCE TEST, 2011**

BRAND	NAME	INMAN, McPherson County					HUTCHINSON, Reno County					MACKSVILLE, Stafford County				
		YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	1000 ppa	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	1000 ppa	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	1000 ppa
DEKALB	DKC62-09	--	--	--	--	--	--	--	--	--	--	<b>182</b>	105	58	15	24
DEKALB	DKC62-97	--	--	--	--	--	--	--	--	--	--	<b>201</b>	115	59	17	27
DEKALB	DKC63-07	--	--	--	--	--	--	--	--	--	--	172	99	59	15	26
DEKALB	DKC64-69	--	--	--	--	--	--	--	--	--	--	157	90	59	14	27
DEKALB	DKC66-96	--	--	--	--	--	--	--	--	--	--	170	97	60	16	29
FONTANELLE	8V227	--	--	--	--	--	127	87	58	19	28	156	90	60	15	28
FONTANELLE	8V777	--	--	--	--	--	--	--	--	--	--	<b>185</b>	106	60	15	30
FONTANELLE	8V812	--	--	--	--	--	146	100	58	16	25	138	79	60	15	26
G2 GENETICS	5H-013	103	70	57	20	25	<b>150</b>	103	59	18	28	--	--	--	--	--
G2 GENETICS	5H-1401	154	105	57	19	24	137	94	58	18	27	--	--	--	--	--
G2 GENETICS	5H-1701	154	105	54	21	26	142	98	57	19	29	--	--	--	--	--
G2 GENETICS	5H-511A RR/HX	158	107	55	19	24	<b>151</b>	104	58	16	27	--	--	--	--	--
G2 GENETICS	5H-511RR/HX	<b>173</b>	118	55	20	27	139	96	57	18	27	--	--	--	--	--
G2 GENETICS	5H-513 RR/HX	126	86	57	20	26	<b>157</b>	108	57	18	27	--	--	--	--	--
G2 GENETICS	5H-515 RR/HX	131	89	55	23	27	<b>163</b>	112	58	20	27	--	--	--	--	--
G2 GENETICS	5H-712	107	73	55	21	26	<b>161</b>	111	58	17	26	--	--	--	--	--
G2 GENETICS	5H-716	66	45	57	18	26	<b>152</b>	105	57	19	28	--	--	--	--	--
G2 GENETICS	5H-717	105	72	55	22	25	136	94	58	16	26	--	--	--	--	--
G2 GENETICS	5X-1301	151	102	55	18	26	143	98	57	18	25	--	--	--	--	--
GOLDEN ACRES	26V31	--	--	--	--	--	--	--	--	--	--	<b>202</b>	116	58	17	25
GOLDEN ACRES	28V71	--	--	--	--	--	--	--	--	--	--	148	85	56	18	27
GOLDEN ACRES	28V81	--	--	--	--	--	--	--	--	--	--	165	94	59	16	25
GOLDEN HARVEST	H9253	--	--	--	--	--	138	95	58	16	25	--	--	--	--	--
GOLDEN HARVEST	H9690	--	--	--	--	--	118	81	57	17	26	--	--	--	--	--
LG SEEDS	2636VT3	132	90	57	20	25	<b>156</b>	107	58	17	25	173	99	58	16	26
LG SEEDS	LG2555VT3	<b>168</b>	114	56	19	27	<b>146</b>	100	59	16	27	161	92	59	14	30
LG SEEDS	LG2620VT3	139	94	55	19	26	--	--	--	--	--	--	--	--	--	--
LG SEEDS	LG2641VT3	--	--	--	--	--	--	--	--	--	--	165	95	58	15	28
LG SEEDS	LG2642VT3	--	--	--	--	--	<b>165</b>	114	58	19	27	--	--	--	--	--
MAT CHK	EARLY (PHILLIPS)	<b>168</b>	114	54	21	27	125	86	59	16	29	151	87	59	13	30
MAT CHK	FULL (PHILLIPS)	145	99	56	21	27	<b>146</b>	101	58	17	29	163	93	60	16	29
MAT CHK	MID (PHILLIPS)	134	91	56	20	27	<b>167</b>	115	58	17	29	<b>186</b>	107	60	16	32
MIDLAND	132BLGW	--	--	--	--	--	<b>153</b>	106	59	16	28	163	94	58	13	29
MIDLAND	361PRW	158	107	57	20	26	132	91	59	18	26	155	89	61	15	26
MIDLAND	417BRW	--	--	--	--	--	<b>154</b>	106	58	19	26	172	98	59	16	28
MIDLAND	531PRW	<b>168</b>	114	55	20	24	116	80	60	18	27	165	94	59	15	28
MIDLAND	552PRW	139	94	57	21	27	144	99	57	18	29	<b>184</b>	105	61	16	29
MIDLAND	571BLG	165	112	53	20	27	134	92	57	17	26	170	97	57	14	29
MIDLAND	622PRW	125	85	57	19	26	<b>162</b>	111	58	17	30	<b>203</b>	117	60	15	31
MIDLAND	670PRW	<b>170</b>	116	55	20	24	<b>163</b>	112	59	17	27	<b>195</b>	112	57	18	27
MIDLAND	779PRW	141	96	55	21	27	<b>153</b>	105	57	19	27	168	96	58	16	27
MIDLAND	7A28BRW	--	--	--	--	--	119	82	60	15	27	<b>199</b>	114	58	16	27
NUTECH	5B-1702	155	105	56	19	23	<b>148</b>	102	58	17	27	--	--	--	--	--
NUTECH	5B-1702	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PHILLIPS	702AG	149	102	55	20	28	--	--	--	--	--	--	--	--	--	--
PHILLIPS	703VT3	<b>193</b>	131	57	20	26	--	--	--	--	--	--	--	--	--	--
PHILLIPS	709VT3	--	--	--	--	--	132	91	59	17	28	--	--	--	--	--
PHILLIPS	715GTCBLL	167	114	54	20	25	--	--	--	--	--	<b>177</b>	102	57	14	29
PHILLIPS	723AG	143	97	56	21	25	--	--	--	--	--	--	--	--	--	--
PHILLIPS	726AG	<b>182</b>	124	57	19	24	<b>160</b>	110	58	17	27	162	93	59	15	29
PHILLIPS	795VT3	--	--	--	--	--	<b>146</b>	100	58	16	28	<b>196</b>	113	59	15	30
PIONEER	32B34	--	--	--	--	--	145	100	58	18	28	--	--	--	--	--
PIONEER	P1625	--	--	--	--	--	135	93	58	16	25	--	--	--	--	--
PRODUCERS	7224VT3	--	--	--	--	--	145	100	59	18	27	<b>204</b>	117	58	16	29
PRODUCERS	7394VT3	--	--	--	--	--	141	97	58	18	27	166	95	59	15	30
PRODUCERS	7414VT3	--	--	--	--	--	123	85	59	18	28	<b>183</b>	105	58	16	31
PRODUCERS	7574VT3	--	--	--	--	--	<b>163</b>	112	58	17	27	<b>203</b>	117	58	17	28
PRODUCERS	7624VT3	--	--	--	--	--	<b>149</b>	102	58	19	28	169	97	58	17	28

**TABLE 6 continued. SOUTH CENTRAL KANSAS IRRIGATED CORN PERFORMANCE TEST, 2011**

BRAND	NAME	INMAN, McPherson County					HUTCHINSON, Reno County					MACKSVILLE, Stafford County				
		YIELD	PAVG	TW	MOIST	1000	YIELD	PAVG	TW	MOIST	1000	YIELD	PAVG	TW	MOIST	1000
		(bu/a)	(%)	(lb/bu)	(%)	ppa	(bu/a)	(%)	(lb/bu)	(%)	ppa	(bu/a)	(%)	(lb/bu)	(%)	ppa
STINE	9729VT3 Pro	--	--	--	--	--	<b>148</b>	102	58	17	27	--	--	--	--	--
STINE	9731VT3Pro	--	--	--	--	--	<b>147</b>	101	58	16	26	--	--	--	--	--
STINE	9806VT3	--	--	--	--	--	140	97	58	16	25	--	--	--	--	--
STINE	9808VT3Pro	--	--	--	--	--	<b>154</b>	106	58	15	28	--	--	--	--	--
TRIUMPH	1157X	147	100	56	18	26	<b>151</b>	104	57	18	28	174	100	58	14	28
TRIUMPH	1217X	140	95	56	20	29	--	--	--	--	--	--	--	--	--	--
TRIUMPH	1334X	--	--	--	--	--	<b>159</b>	110	57	16	27	150	86	57	15	26
TRIUMPH	1420X	--	--	--	--	--	140	96	59	16	29	--	--	--	--	--
TRIUMPH	1725H	<b>182</b>	124	55	21	24	<b>156</b>	107	57	17	26	152	87	58	16	28
	AVERAGE	147	147	56	20	25	145	145	58	17	27	174	174	58	16	28
	CV (%)	12	12	4	11	5	10	10	3	10	4	11	11	1	6	5
	LSD (0.05)	26	17	3	3	16	21	14	2	2	14	27	16	1	1	18

\* Seed treatment and hybrid traits located in Table 9.

\*\* Yields in bold in the top LSD group.

\*\*\* Unless two hybrids differ by more than the LSD, little confidence can be placed in one being superior to the other.

## NORTHWEST KANSAS NO-TILL DRYLAND CORN TEST

Northwest Research-Extension Center, Colby; Patrick Evans, agronomist

Keith silt loam; Fallow in 2010

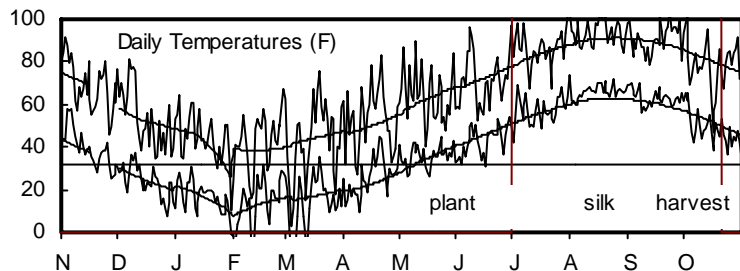
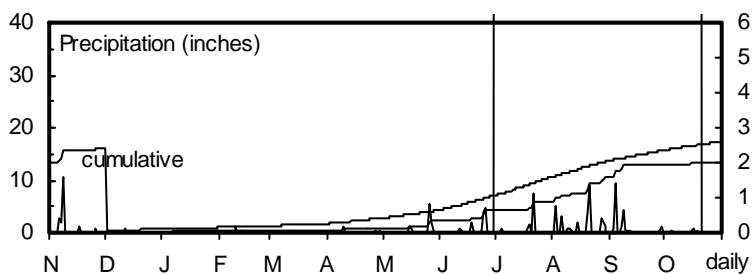
180 - 45 - 0 lb/a N, P, K

Planted on 5/31/2011; Harvested on 9/19/2011

Target stand of 17,000 plants/acre; 12.3 in. spacing

Good stands were established and growing conditions were good until August 10 when hail hit the test. This stripped all the leaves and caused early maturing.

Month	Precipitation		Average Temp.		GDU	
	2011	Norm.	2011	Norm.	2011	Norm.
Nov.-Mar.	0.8	3.3	36	34	347	206
April	1.5	1.3	50	49	218	175
May	1.8	2.7	58	59	327	327
June	1.5	3.2	72	70	575	553
July	4.7	2.9	80	76	751	701
August	2.7	1.9	77	74	695	669
Sep.-Oct.	2.9	1.7	58	62	693	462
Totals:	16.0	17.2	52	51	3,606	3,093





**TABLE 7. WEST KANSAS NO-TILL DRYLAND CORN PERFORMANCE TEST, 2011**

BRAND	NAME	COLBY, Thomas County					
		YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	DAYS (silk)	1000 ppa
DEKALB	DKC52-59	<b>77</b>	154	55	13	76	17
DEKALB	DKC55-24	53	105	55	13	77	17
DEKALB	DKC59-88	50	101	53	13	80	16
DEKALB	DKC61-49	51	103	52	15	79	17
LG SEEDS	2508VT3Pro	33	67	47	11	77	19
LG SEEDS	LG2544VT3	<b>66</b>	132	53	12	79	18
MAT CHK	EARLY (PHILLIPS)	<b>65</b>	130	53	13	77	17
MAT CHK	FULL (PHILLIPS)	45	90	52	14	81	18
MAT CHK	MID (PHILLIPS)	28	56	42	11	80	17
MIDLAND	132BLGW	59	118	52	13	81	16
MIDLAND	361PRW	48	96	53	11	81	18
MIDLAND	531PRW	50	101	54	13	79	18
MIDLAND	552PRW	24	47	33	7	81	18
MIDLAND	571BLG	47	94	43	14	80	19
MIDLAND	622PRW	40	81	52	16	80	18
MIDLAND	670PRW	48	97	47	17	78	17
MIDLAND	779PRW	47	93	53	14	82	18
PHILLIPS	702AG	<b>66</b>	132	51	12	81	18
PHILLIPS	703VT3	47	95	54	12	80	17
TAYLOR	1940VT3	53	106	52	16	77	18
TAYLOR	8820 VT2Pro	54	109	52	14	79	17
TAYLOR	EXP 88A111	46	93	50	17	82	15
	AVERAGE	50	50	51	13	79	17
	CV (%)	18	18	11	14	3	8
	LSD (0.05)	13	26	8	3	3	2

**Hays, Ellis County abandoned; extreme drought conditions.**

**Garden City, Finney County abandoned; extreme drought conditions.**

\* Seed treatment and hybrid traits located in Table 9.

\*\* Yields in bold in the top LSD group.

\*\*\* Unless two hybrids differ by more than the LSD, little confidence can be placed in one being superior to the other.

## WESTERN KANSAS IRRIGATED CORN TESTS

Northwest Research-Extension Center, Colby; Patrick Evans, agronomist

Keith silt loam; Sunflower in 2010

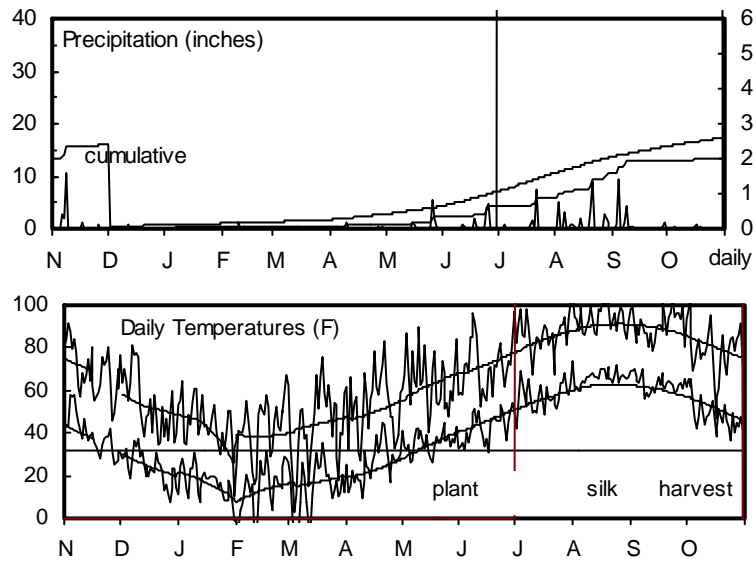
250 - 70 - 0 lb/a N, P, K

Planted on 5/31/2011; Harvested on 9/28/2011

Target stand of 30,000plants/acre; 7.0 in. spacing

Good stands were established and growing conditions were good through late spring and early summer. On August 10 a hail storm hit with high winds and hail. Most of the leaves were stripped off and many plants were leaning.

Month	Precipitation		Average Temp.		GDU	
	2011	Norm.	2011	Norm.	2011	Norm.
Nov.-Mar.	0.8	3.3	36	34	347	206
April	1.5	1.3	50	49	218	175
May	1.8	2.7	58	59	327	327
June	1.5	3.2	72	70	575	553
July	4.7	2.9	80	76	751	701
August	2.7	1.9	77	74	695	669
Sep.-Oct.	2.9	1.7	58	62	693	462
Totals:	16.0	17.2	52	51	3,606	3,093



Southwest Research-Extension Center, Tribune; Alan Schlegel, agronomist

Ulysses silt loam; Sunflower in 2010

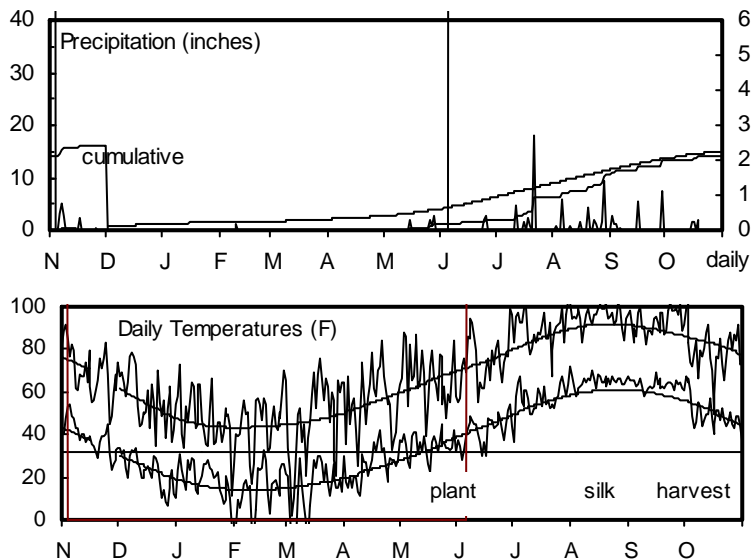
210 - 30 - 0 lb/a N, P, K

Planted on 5/6/2011; Harvested on 10/3/2011

Target stand of 30,000plants/acre; 7.0 in. spacing

Good establishment in the spring. Dry summer.

Month	Precipitation		Average Temp.		GDU	
	2011	Norm.	2011	Norm.	2011	Norm.
Nov.-Mar.	0.2	2.8	37	36	370	261
April	1.2	1.2	52	49	257	207
May	0.7	2.2	59	59	366	356
June	4.1	2.4	74	70	585	544
July	4.3	2.4	80	76	733	674
August	2.8	2.1	78	74	712	653
Sep.-Oct.	3.0	1.6	58	63	706	483
Totals:	16.2	14.7	53	52	3,729	3,177



Southwest Research-Extension Center, Garden City; Patrick Evans, agronomist; Monty Spangler, technician

Keith silt loam; Soybean in 2010

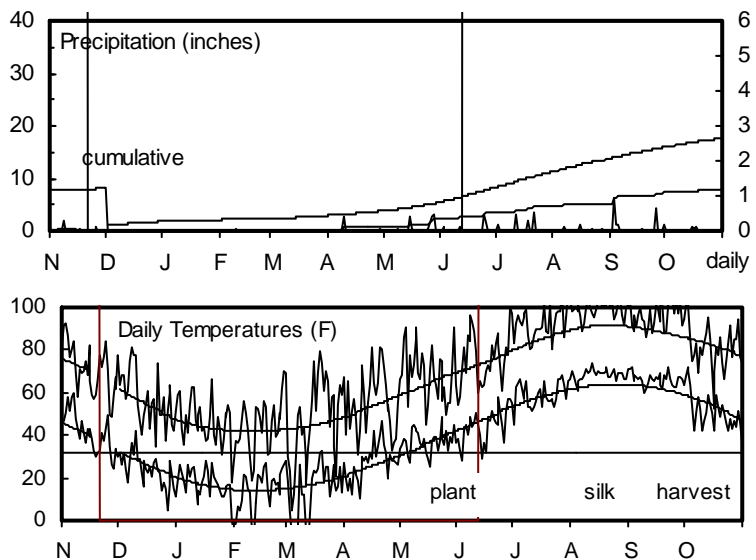
200 - 0 - 0 lb/a N, P, K

Planted on 5/13/2011; Harvested on 10/20/2011

Target stand of 30,000plants/acre; 7.0 in. spacing

Despite irrigation, corn crop suffered from excessive heat and lack of precipitation.

Month	Precipitation		Average Temp.		GDU	
	2011	Norm.	2011	Norm.	2011	Norm.
Nov.-Mar.	0.9	3.6	37	36	382	255
April	1.7	1.5	53	50	267	200
May	0.9	2.7	61	61	392	362
June	1.3	2.8	76	72	625	594
July	0.4	2.3	84	78	787	719
August	2.1	2.1	81	76	751	699
Sep.-Oct.	0.8	2.1	60	64	778	508
Totals:	8.1	17.1	54	53	3,981	3,337



**TABLE 8. WEST KANSAS IRRIGATED CORN PERFORMANCE TEST, 2011**

BRAND	NAME	COLBY, Thomas County						TRIBUNE, Greeley County						GARDEN CITY, Finney County			
		YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	DAYS (silk)	1000 ppa	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	DAYS (silk)	1000 ppa	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)
AGVENTURE NEBRASKA	R8292VBW	128	97	52	12	77	28	--	--	--	--	--	--	--	--	--	--
AGVENTURE NEBRASKA	RL8497HB	<b>155</b>	117	53	17	79	28	--	--	--	--	--	--	--	--	--	--
AGVENTURE NEBRASKA	RL8539HB	120	91	58	16	78	27	--	--	--	--	--	--	--	--	--	--
AGVENTURE NEBRASKA	RL8899 HBW	135	102	55	19	81	28	--	--	--	--	--	--	--	--	--	--
DEKALB	DKC55-24	119	90	54	13	76	26	250	95	52	18	76	34	--	--	--	--
DEKALB	DKC59-88	122	92	54	13	76	29	237	90	50	23	77	33	--	--	--	--
DEKALB	DKC61-49	133	101	54	15	76	29	<b>283</b>	107	49	25	76	32	--	--	--	--
DEKALB	DKC62-09	--	--	--	--	--	--	--	--	--	--	--	--	<b>186</b>	112	58	15
DEKALB	DKC62-58	131	99	56	13	76	28	--	--	--	--	--	--	--	--	--	--
DEKALB	DKC62-97	<b>149</b>	113	55	13	75	29	<b>284</b>	107	49	25	75	33	<b>201</b>	121	59	14
DEKALB	DKC63-07	133	101	54	14	75	26	265	100	49	27	76	30	145	87	59	14
DEKALB	DKC63-84	--	--	--	--	--	--	--	--	--	--	--	--	173	104	58	13
DEKALB	DKC64-69	--	--	--	--	--	--	--	--	--	--	--	--	<b>202</b>	122	59	16
FONTANELLE	7V559	119	90	55	14	75	28	254	96	50	23	76	32	--	--	--	--
FONTANELLE	7V717	--	--	--	--	--	--	<b>277</b>	105	50	23	74	30	--	--	--	--
FONTANELLE	8V227	--	--	--	--	--	--	--	--	--	--	--	--	160	97	59	16
FONTANELLE	8V487	<b>164</b>	124	54	16	76	28	--	--	--	--	--	--	170	103	57	18
GARST	82K01-3111 Brand	--	--	--	--	--	--	--	--	--	--	--	--	179	108	56	17
GARST	83E90-3111 Brand	--	--	--	--	--	--	--	--	--	--	--	--	<b>200</b>	121	57	15
GARST	83R38-3000GT Brand	--	--	--	--	--	--	--	--	--	--	--	--	<b>208</b>	126	58	17
GARST	84N18-3000GT Brand	--	--	--	--	--	--	--	--	--	--	--	--	<b>185</b>	111	57	15
GARST	85Z64-3000GT Brand	--	--	--	--	--	--	--	--	--	--	--	--	164	99	58	14
GOLDEN ACRES	24V61	140	106	54	14	76	30	--	--	--	--	--	--	141	85	59	15
GOLDEN ACRES	26V31	--	--	--	--	--	--	--	--	--	--	--	--	164	99	57	15
GOLDEN ACRES	28V81	--	--	--	--	--	--	--	--	--	--	--	--	179	108	58	17
GOLDEN ACRES	G2506	120	91	50	13	78	27	--	--	--	--	--	--	--	--	--	--
LG SEEDS	2552VT3	127	96	53	14	76	28	--	--	--	--	--	--	--	--	--	--
LG SEEDS	2602VT3	143	108	52	16	77	28	--	--	--	--	--	--	167	101	57	13
LG SEEDS	2636VT3	136	103	53	18	76	27	--	--	--	--	--	--	170	103	58	14
LG SEEDS	LG2642VT3	--	--	--	--	--	--	--	--	--	--	--	--	168	101	57	16
MAT CHK	EARLY (PHILLIPS)	131	99	53	12	76	27	265	100	50	23	77	34	140	85	59	13
MAT CHK	FULL (PHILLIPS)	93	70	52	15	79	29	231	87	48	29	80	34	149	90	58	14
MAT CHK	MID (PHILLIPS)	138	104	56	14	76	28	262	99	49	25	75	34	132	79	60	14
MIDLAND	121BLG	109	82	52	11	75	26	194	73	53	17	75	29	--	--	--	--
MIDLAND	132BLGW	110	83	50	11	77	27	--	--	--	--	--	--	156	94	56	12
MIDLAND	361PRW	124	94	54	12	78	28	--	--	--	--	--	--	141	85	59	12
MIDLAND	531PRW	136	103	54	15	76	28	248	94	50	23	77	32	151	91	60	15
MIDLAND	552PRW	135	102	56	14	75	27	--	--	--	--	--	--	147	89	60	13
MIDLAND	571BLG	116	87	49	13	79	29	269	102	49	26	78	33	<b>183</b>	110	56	14
MIDLAND	622PRW	140	106	55	14	77	29	<b>279</b>	106	49	27	78	31	<b>188</b>	113	59	14
MIDLAND	670PRW	138	104	52	20	76	28	<b>276</b>	104	48	30	77	33	161	97	58	15
MIDLAND	779PRW	138	104	54	16	76	29	258	98	48	29	77	33	<b>194</b>	117	59	15
MYCOGEN	2A787	--	--	--	--	--	--	--	--	--	--	--	--	156	94	59	14
MYCOGEN	2D744	--	--	--	--	--	--	--	--	--	--	--	--	163	98	60	15
MYCOGEN	2V707	--	--	--	--	--	--	--	--	--	--	--	--	158	95	58	13
MYCOGEN	2V715	--	--	--	--	--	--	--	--	--	--	--	--	157	95	57	13
MYCOGEN	2V738	--	--	--	--	--	--	--	--	--	--	--	--	176	106	59	16
MYCOGEN	X20867	--	--	--	--	--	--	--	--	--	--	--	--	142	85	57	14
PRODUCERS	7014VT3	136	103	52	14	76	28	264	100	50	24	78	32	149	90	57	13
PRODUCERS	7224VT3	139	105	52	16	77	27	<b>283</b>	107	49	26	79	31	177	106	57	13
PRODUCERS	7394VT3	145	109	54	15	77	28	<b>299</b>	113	43	22	78	34	167	101	58	13
PRODUCERS	7414VT3	139	105	52	14	76	28	270	102	49	25	77	33	174	105	58	14
PRODUCERS	7574VT3	135	102	53	17	77	30	<b>273</b>	104	48	30	79	34	167	101	58	14
PRODUCERS	7624VT3	--	--	--	--	--	--	261	99	49	27	76	33	157	95	57	15
STINE	9729VT3 Pro	133	101	54	15	76	28	--	--	--	--	--	--	132	79	58	14
STINE	9806VT3	141	107	53	16	76	27	--	--	--	--	--	--	167	100	57	17
STINE	9808VT3Pro	<b>155</b>	117	52	24	76	28	--	--	--	--	--	--	170	103	58	18
TRIUMPH	1157X	120	91	53	13	77	27	<b>278</b>	105	49	27	80	32	164	99	57	13
TRIUMPH	1217X	140	106	53	14	78	28	<b>306</b>	116	49	27	77	36	--	--	--	--
TRIUMPH	1334X	124	94	53	14	78	27	251	95	49	27	78	29	147	89	57	14
TRIUMPH	1725H	--	--	--	--	--	--	248	94	48	33	80	35	172	104	57	16
	AVERAGE	132	132	53	15	77	28	264	264	49	25	77	32	166	166	58	15
	CV (%)	9	9	1	9	1	5	9	9	5	9	1	6	12	12	1	5
	LSD (0.05)	16	12	1	2	1	2	33	12	3	3	1	3	29	17	1	1

\* Seed treatment and hybrid traits located in Table 9.

\*\* Yields in bold in the top LSD group.

\*\*\* Unless two hybrids differ by more than the LSD, little confidence can be placed in one being superior to the other.

Table 9. Entries in the 2011 Kansas Corn Performance Tests

	SD TRT*	GDD	DBL	RES	P	F		SD TRT	GDD	DBL	RES	P	F
<b>AGRIGOLD</b>							<b>G2 GENETICS</b>						
A6309STX	P500	2465	--	RR/CB/RW	--	Y	5H-005 RR/HX	CE	--	--	--	--	--
A6384VT3Pro	P500	2600	--	RR/CB/RW	--	--	5H-511A RR/HX	CE	--	--	--	--	--
A6419VT3	P500	2690	--	RR/CB/RW	--	Y	5H-511RR/HX	CE	--	--	--	--	--
A6476VT3Pro	P500	2700	--	RR/CB/RW	--	--	5H-513 RR/HX	CE	--	--	--	--	--
A6553VT3	P500	2765	--	RR/CB/RW	--	Y	5H-515 RR/HX	CE	--	--	--	--	--
A6319VT3Pro	P500	2437	103	RR/CB/RW	--	Y	5H-607 RR/HX	CE	--	--	--	--	--
A6329VT3Pro	P500	2597	105	RR/CB/RW	--	Y	5H-615 RR/HX	CE	--	--	--	--	--
A6458VT3	P500	2660	110	RR/CB/RW	--	Y	5H-905 RR/HX	Vot	--	--	--	--	--
A6533VT3	P500	2780	113	RR/CB/RW	--	Y	1H-005 HX/LL	Vot	2590	--	HX1/LL	--	Y
A6632VT3Pro	P500	2800	115	RR/CB/RW	--	Y	5H-903	CE	--	103	HX1/RR	N	N
<b>AGVENTURE</b>							5H-0601	CE	--	106	HX1/RR	N	N
GL8302ABW	P250	--	110	RR/LL/CB/RW	--	Y	5H-0701	CE	--	107	HX1/RR	N	N
<b>AGVENTURE NEBRASKA</b>							5H-1001	CE	--	110	HX1/RR	N	N
R8292VBW	--	--	--	--	--	--	5H-712	CE	--	112	HX1/RR	N	N
RL8497HB	--	--	--	--	--	--	5H-013	CE	--	113	HX1/RR	N	N
RL8539HB	--	--	--	--	--	--	5X-1301	CE	--	113	HXT/RR	N	Y
RL8899 HBW	--	--	--	--	--	--	5H-1401	CE	--	114	HX1/RR	N	Y
<b>DEKALB</b>							5H-716	CE	--	116	HX1/RR	N	Y
DKC52-59	P500	2540	102	VT3	--	--	5H-1701	CE	--	117	HX1/RR	N	Y
DKC53-45	P500	2530	103	GENSS	Y	Y	5H-717	CE	--	117	HX1/RR	N	Y
DKC55-24	P500	2561	105	VT3	--	--	<b>GARST</b>						
DKC59-88	P500	--	109	VT3	Y	Y	85V86	C250	--	--	--	--	--
DKC61-49	P500	2775	111	VT2P	Y	Y	85V88-3000GT Brand	C250	2550	107	LL,CB,RR	N	Y
DKC62-58	P500	2780	112	VT2P	Y	Y	84S08-4011 Brand	C250	2550	108	LL,RR,CB,RW	Y	Y
DKC62-09	P500	2800	112	VT3P	Y	Y	85Z64-3000GT Brand	C250	2575	108	GT/CB/LL	Y	Y
DKC62-13	P500	2800	112	VT2P	Y	Y	84U58-3111 Brand	C250	2580	110	LL,RR,CB,RW	Y	Y
DKC62-97	P500	2800	112	VT3P	Y	Y	84N18-3000GT Brand	C250	2620	111	GT/CB/LL	Y	Y
DKC63-07	P500	2825	113	VT3P	Y	Y	83R38-3000GT Brand	C250	2600	113	LL,RR,CB,RW	Y	Y
DKC63-84	P500	2825	113	VT3	Y	Y	83E90-3111 Brand	C250	2630	113	CBGTLLRW	Y	Y
DKC63-87	P500	2825	113	VT2P	Y	Y	84U58	C	2630	113	GT/CB/LL/RW	Y	SD
DKC64-69	P500	2850	114	GENVT3P	Y	Y	82K01-3111 Brand	C250	2650	116	LL,RR,CB,RW	Y	Y
DKC66-96	P500	2820	116	GENVT3P	Y	N	82H82-3111 Brand	C250	2700	118	LL,RR,CB,RW	Y	Y
<b>FONTANELLE</b>							<b>GOLDEN ACRES</b>						
4A918	Aceleron	--	--	CB/RW/RR	--	--	24V61	--	--	--	--	--	--
4T381	Aceleron	--	--	--	--	--	26V21	--	--	--	--	--	--
4V548	Aceleron	--	--	CB/RW/RR	--	--	26V31	--	--	--	--	--	--
7A631	Aceleron	--	--	CB/RR2/RW/LL	--	--	28V71	--	--	--	--	--	--
7D112	Aceleron	--	--	RW/RR2	--	--	28V81	--	--	--	--	--	--
7V559	Aceleron	--	--	CB/RW/RR	--	--	G2506	--	--	--	--	--	--
7V657	Aceleron	--	--	--	--	--	<b>GOLDEN HARVEST</b>						
7V717	Aceleron	--	--	CB/RW/RR	--	--	H9253	--	--	--	--	--	--
8D912	Aceleron	--	--	RW/RR2	--	--	H9690	--	--	--	--	--	--
8V227	Aceleron	--	--	CB/RW/RR	--	--	<b>LG SEEDS</b>						
8V487	Aceleron	--	--	CB/RW/RR	--	--	2510STX	--	2520	103	STAX	--	Y
8V777	Aceleron	--	--	CB/RW/RR	--	--	2508VT3Pro	--	2550	104	VT3PRO	--	Y
8V812	Aceleron	--	--	CB/RW/RR	--	--	LG2544VT3	--	2530	107	VT3	N	Y

Table 9 continued. Entries in the 2011 Kansas Corn Performance Tests

	SD TRT*	GDD	DBL	RES	P	F		SD TRT	GDD	DBL	RES	P	F
<b>LG SEEDS</b>							<b>NUTECH</b>						
2552VT2Pro	--	2625	110	VT2PRO	--	Y	5N-1004	CE	--	110	AG3000GT	--	Y
2552VT3	--	2625	110	VT3	--	Y	5V-813	CE	--	113	AG3000GT	--	Y
LG2555VT3	--	2670	111	VT3	N	Y	5V-514	CE	--	114	AG3000GT	--	Y
LG2620VT3	--	2620	112	VT3	N	Y	5B-1702	CE	--	117	AGCB/LL/GT	--	Y
2602VT3	--	2680	112	VT3	--	Y	<b>PHILLIPS</b>						
2636VT3	--	2715	113	VT3	--	Y	709VT3	--	--	--	--	--	--
LG2641VT3	--	2685	114	VT3	N	Y	726AG	--	--	--	--	--	--
LG2642VT3	--	2700	115	VT3	N	N	702AG	--	2500	104	AG	Y	Y
<b>MASTERS CHOICE</b>							703VT3	--	2700	108	VT3	Y	Y
MC-534	P250	2575	107	--	N	Y	723AG	--	2700	109	AG	Y	Y
MCT-6263	P250	2690	112	3000GT	N	Y	795VT3	--	2820	111	VT3	Y	Y
MC-630	P250	2755	115	--	N	Y	715GTCBLL	--	2800	112	Bt	Y	Y
<b>MIDLAND</b>							789AG	--	2820	112	VT3	Y	Y
779PRW	C	--	--	--	--	--	<b>PIONEER</b>						
121BLG	C	--	104	CB,LL,GT	Y	Y	32B34	--	--	--	--	--	--
132BLGW	C	--	104	3000GT	Y	Y	P1625	--	--	--	--	--	--
361PRW	C	2660	107	VT3	Y	Y	35P10 YGCB,RR2	--	2530	104	CB,RR	N	Y
481PRW	C	2630	110	VT3P	Y	Y	<b>PRODUCERS</b>						
417BRW	C	2760	110	CB	Y	Y	7394VT3	Vot	--	--	RR,CB,RW	--	Y
531PRW	C	2720	111	VT3P	Y	Y	7414VT3	Vot	--	--	RR,CB,RW	--	Y
552PRW	C	--	112	VT3PR	Y	Y	7624VT3	Vot	--	--	RR,CB,RW	--	Y
571BLG	C	--	112	CB,LL,GT	Y	Y	5784VT3	Vot	--	97	VT3	Y	Y
622PRW	C	--	113	VT3PR	Y	Y	5904VT3Pro	Vot	2455	99	VT3PRO	Y	Y
641VLGW	C	2680	113	CBLLGTRW	Y	Y	6364GT3	Vot	--	103	3000GT	Y	Y
670PRW	C	--	114	VT3PR	Y	Y	6582RR	Vot	2500	105	RR2	Y	Y
7A28BRW	C	2840	115	CB,RR	Y	Y	6694VT3Pro	Vot	2515	106	VT3PRO	Y	Y
<b>MYCOGEN</b>							7014VT3	Vot	--	110	VT3	Y	Y
2M750	C	--	--	--	--	--	7224VT3	Vot	2610	112	VT3	Y	Y
X20526	C	--	--	LL,RR,CB,RW	N	N	7574VT3	Vot	2700	115	VT3	Y	Y
2H566	C	2495	104	LL,RR,CB,RW	N	N	<b>RENZE</b>						
2J597	C	2500	105	LL,RR,CB,RW	N	N	1499VT3	CE	--	--	CB	N	Y
2K594	C	2620	105	LL,RR,CB,RW	N	N	2479HXT/LL/RR2	CE	--	--	CB	N	Y
2T698	C	2765	110	LL,RR,CB,RW	N	Y	2526HXT/LL/RR2	CE	--	--	CB	N	Y
2V707	C	--	111	LL,RR,CB,RW	N	N	5R452HX1/LL/RR2	CE	--	--	CB	N	Y
2D744	C	2640	111	LL,RR,CB,RW	N	Y	<b>STINE</b>						
2V715	C	2735	112	LL,RR,CB,RW	N	Y	9731VT3Pro	P250	2560	113	RR,CB,CRW	N	N
X20867	C	--	113	LL,RR,CB,RW	N	Y	9729VT3 Pro	P250	2570	114	RR,CB,CRW	N	N
2V738	C	2765	113	LL,RR,CB,RW	N	N	9806VT3	P250	2620	116	RR,CB	N	Y
2A787	C	--	115	RR/LL	N	N	9808VT3Pro	P250	2670	118	RR,CR,CRW	N	N
<b>NUTECH</b>							<b>TAYLOR</b>						
5V-197	CE	--	97	AG3000GT	--	N	8820 VT2Pro	--	--	--	--	--	--
5N-001	CE	--	100	AG3000GT	--	N	906GT/CB	--	--	--	--	--	--
5V-102	CE	--	102	AG3000GT	--	N	9913 VT3Pro	--	--	--	--	--	--
5N-0401	CE	--	104	AG3000GT	--	N	EXP 88A111	--	--	--	--	--	--
5V-705	CE	--	105	AG3000GT	--	N	EXP 88A411	--	--	--	--	--	--
5B-1003	CE	--	110	AGCB/LL/GT	--	Y	EXP 88C05	--	--	--	--	--	--

**Table 9 continued. Entries in the 2011 Kansas Corn Performance Tests**

	SD TRT*	GDD	DBL	RES	P	F	SD TRT	GDD	DBL	RES	P	F
<b>TAYLOR</b>												
EXP 88C112	--	--	--	--	--	--						
EXP 99C113	--	--	--	--	--	--						
EXP 99C114	--	--	--	--	--	--						
1940VT3	--	--	113	VT3	--	Y						
<b>TRIUMPH</b>												
1157X	--	--	--	--	--	--						
1217X	--	--	--	CB	--	--						
1334X	--	--	--	--	--	--						
1725H	--	--	--	--	--	--						
TRX11002S	--	--	--	--	--	--						
7514S	--	2580	114	LRCBRW	--	Y						
1420X	--	2770	115	R,CB,RW	--	Y						
<b>VPM maxx</b>												
RL8950HB	C	--	--	RR,LL,CB	--	Y						
RL6786HB	C	--	105	RR/LL/CB	--	Y						
RL6991HB	C	--	106	RR/LL/CB	--	Y						
RL8351HB	C	--	111	RR/LL/CB	--	Y						
RL8899HB	C	--	115	RR/LL/CB	--	Y						
<b>MATURITY CHECK</b>												
MID	--	--	--	--	--	--						
EARLY	--	2530	100	VT3	--	--						
FULL		2800	118	CB	N	Y						

\*SD TRT = Seed treatment (C=Cruiser, CE=Cruiser Extreme, P=Poncho, Vot=Votivo. Numbers indicate rates if available); GDD = growing degree days; DBL = days to black layer; RES = herbicide, disease, and insect resistance traits [ (Bt, BtCB, CB, YG, YG1, YG+, YGCB), Hx = transgenic corn borer protection; BtRW, RW, YGRW, HxRW = transgenic rootworm protection; CL, I, IT, IMI = imidazolinone resistant/tolerant; LL = Liberty Link; RR = Roundup Ready; TS, T = Triple Stack (RRCBRW)]; P = prolific; F = flex ear Values provided by entrants.



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